

WESTON[®]
prime
source for precision
... since 1888

Solid State Relay

MODEL 1062

**CONTROL
COMPONENTS**

CIRCULAR 02-111-B
AUGUST, 1966
Supersedes 02-111-A

FEATURES

Completely Solid State

Fully Adjustable Over Entire 320° Scale

Integral Pilot Light Indicates Tripped Condition

Zero Adjustment On Front Panel

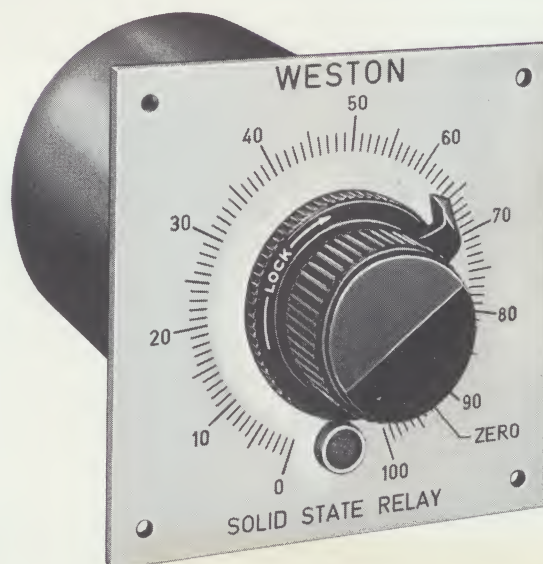
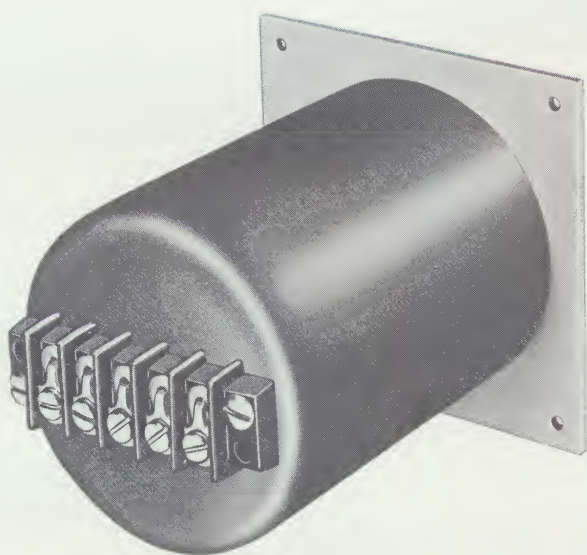
Screw Type Terminals

Accuracy $\pm 2\%$ On Basic Unit

Repeatability $\pm 0.5\%$

Response Time 200 Milliseconds

Selectivity As Low As 1 Microampere



SPECIFICATIONS

Input 117V $\pm 10\%$ 50 to 60 Hz

Switching Capabilities 0.1 amp minimum to 1 amp maximum at 117V 60Hz normally open or normally closed operation available.

Temperature Effect $\pm 1\%$ per 10°C from 25°C .

Operating Temperature Range $0-50^\circ\text{C}$.

Repeatability (including dead band) 0.5%.

Set Point Completely adjustable over 320° scale by control knob lock incorporated.

Dial 320° 100 divisions.

Zero Correction Screwdriver adjustment through front panel.

Breakdown Voltage 500 V AC

Common Mode Rejection 250 V DC max.

Pilot Light Neon.

Connections Barrier strip type screw terminals.

Approx. Weight 1 lb.

Price: \$175.00 (except on temperature ranges which are available on application).

AVAILABLE RANGES

VOLTAGE

Range	Sensitivity	Accuracy
0-1	10000 ohm/volt	$\pm 2\%$
0-5	10000 ohm/volt	$\pm 2\%$
0-10	10000 ohm/volt	$\pm 2\%$
0-25	10000 ohm/volt	$\pm 2\%$
0-50	10000 ohm/volt	$\pm 2\%$
0-250	10000 ohm/volt	$\pm 2\%$
0-500	10000 ohm/volt	$\pm 2\%$

CURRENT

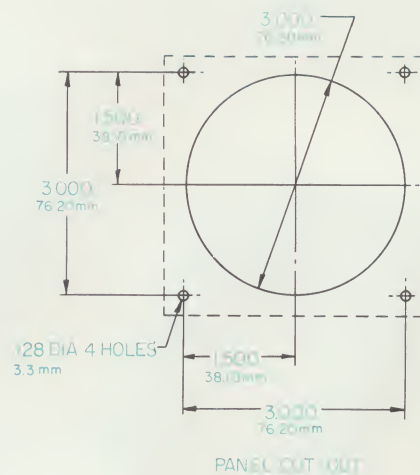
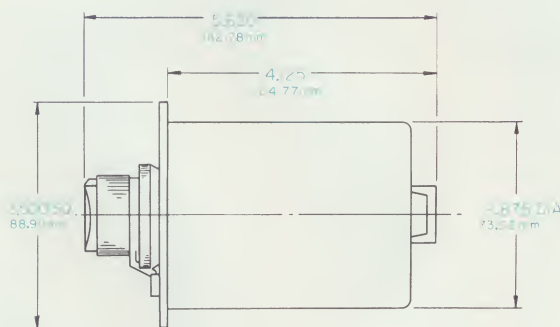
Range	Voltage Drop	Accuracy
0-100 Mics	10 MV	$\pm 2\%$
0-250 Mics	50 MV	$\pm 3\%$
0-500 Mics	50 MV	$\pm 3\%$
0-1 MA	50 MV	$\pm 3\%$
0-5 MA	50 MV	$\pm 3\%$
0-10 MA	50 MV	$\pm 3\%$
0-25 MA	50 MV	$\pm 3\%$
0-50 MA	50 MV	$\pm 3\%$
0-100 MA	50 MV	$\pm 3\%$
0-500 MA	50 MV	$\pm 3\%$
0-1000 MA	50 MV	$\pm 3\%$

*TEMPERATURE (Ref. junction 0°F)

Range	Couple	Accuracy
0-750°F	T	$\pm 3\%$
0-750°F	J	$\pm 3\%$
0-1000°F	J	$\pm 3\%$
0-1500°F	J	$\pm 3\%$
0-2000°F	K	$\pm 3\%$
0-2500°F	K	$\pm 3\%$
0-3000°F	R	$\pm 3\%$
0-3000°F	S	$\pm 3\%$

*prices on application

Price subject to change without notice.



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